

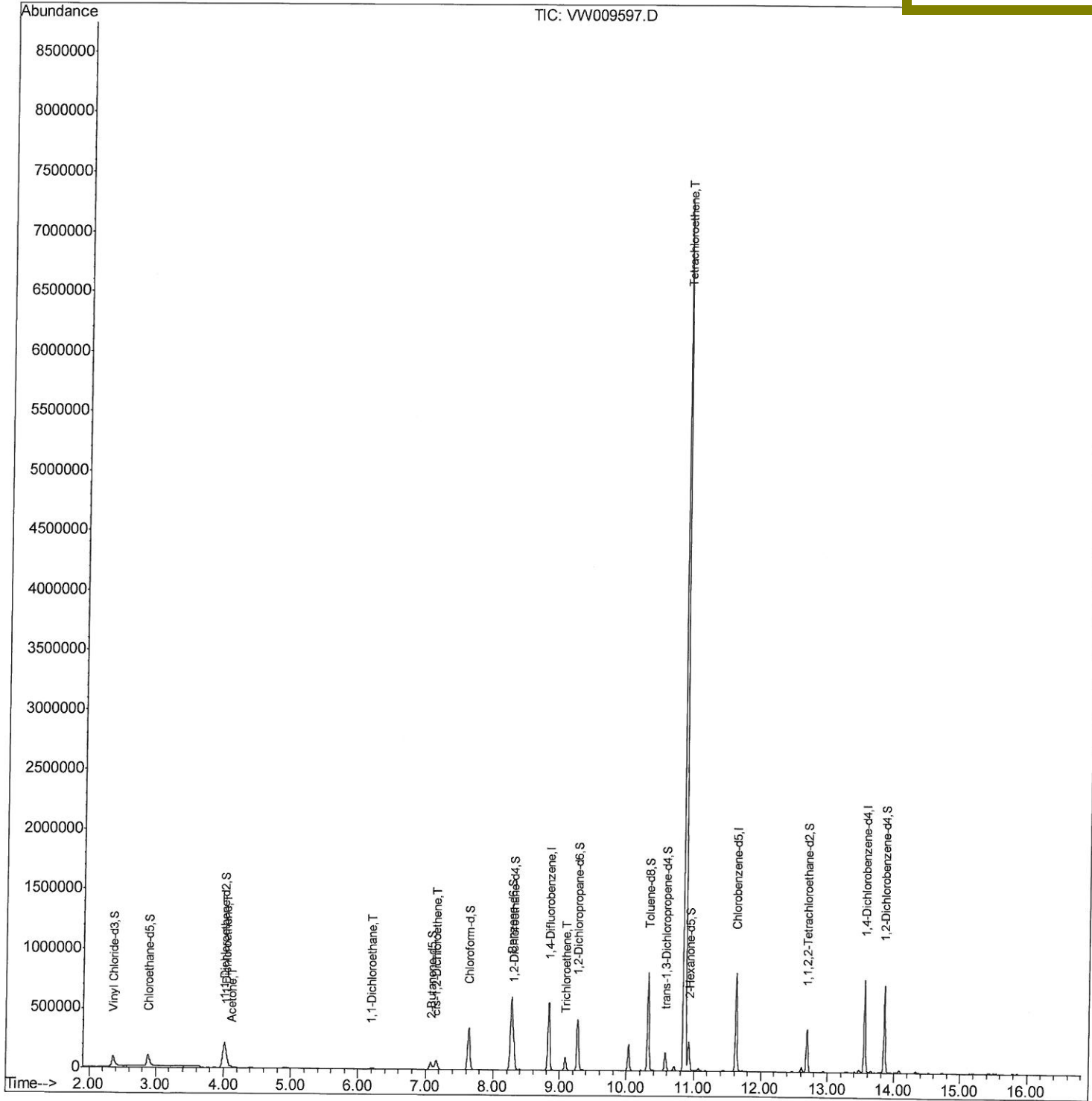
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
Data File : VW009597.D
Acq On : 30 Mar 2019 18:27
Operator : SY/VA
Sample : K2167-12
Misc : 5.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF113

Quant Time: Mar 30 22:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

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4/1/2019 4:02:13 AM



Quantitation Report (Qedit)

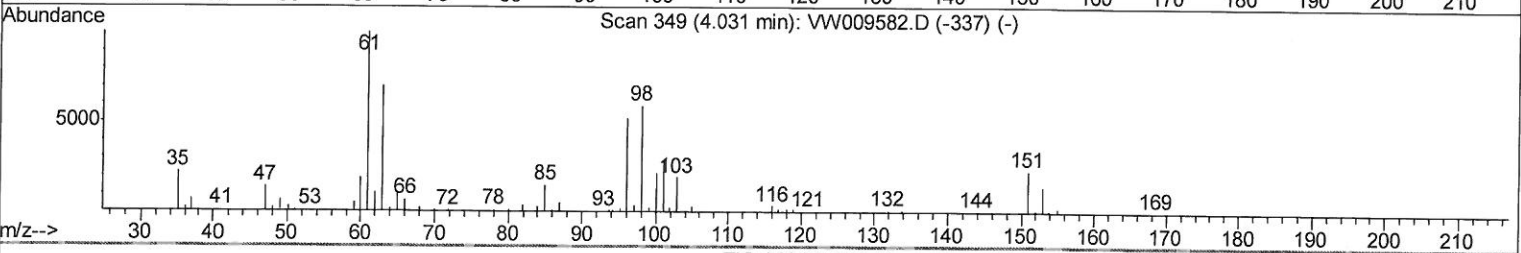
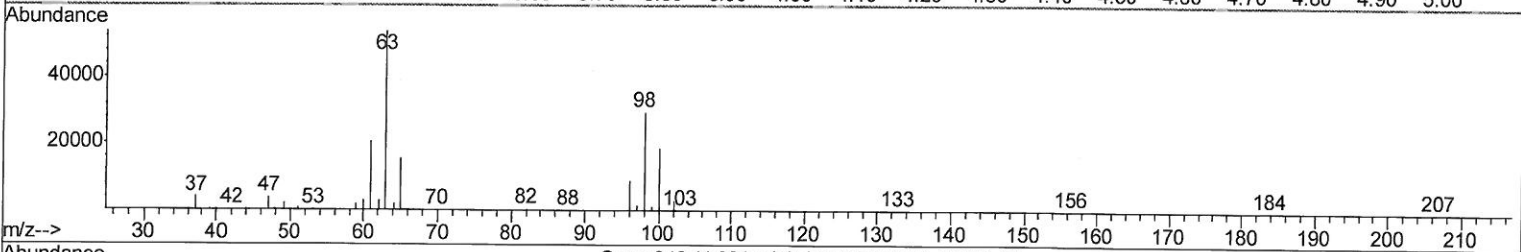
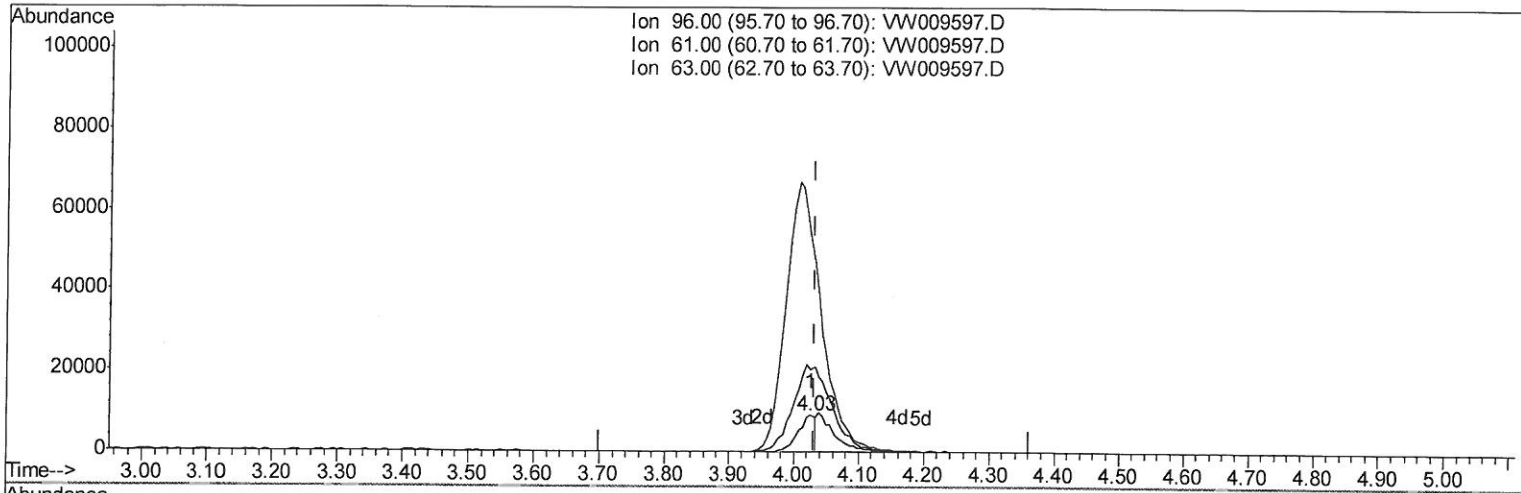
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TIC: VW009597.D

(12) 1,1-Dichloroethene (T)

4.025min (-0.006) 2.99ug/L

response 16211

Ion	Exp%	Act%
96.00	100	100
61.00	184.80	228.47
63.00	166.90	593.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

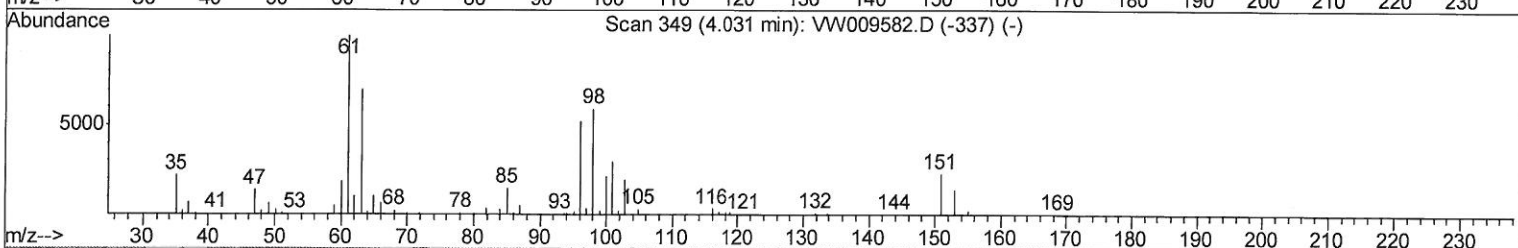
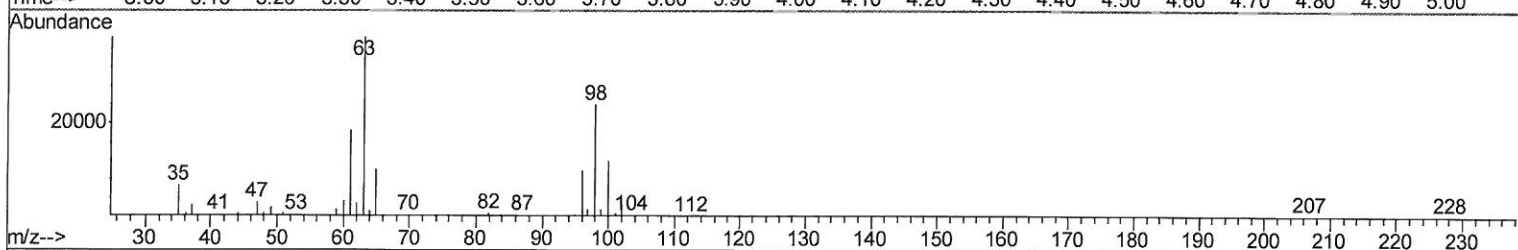
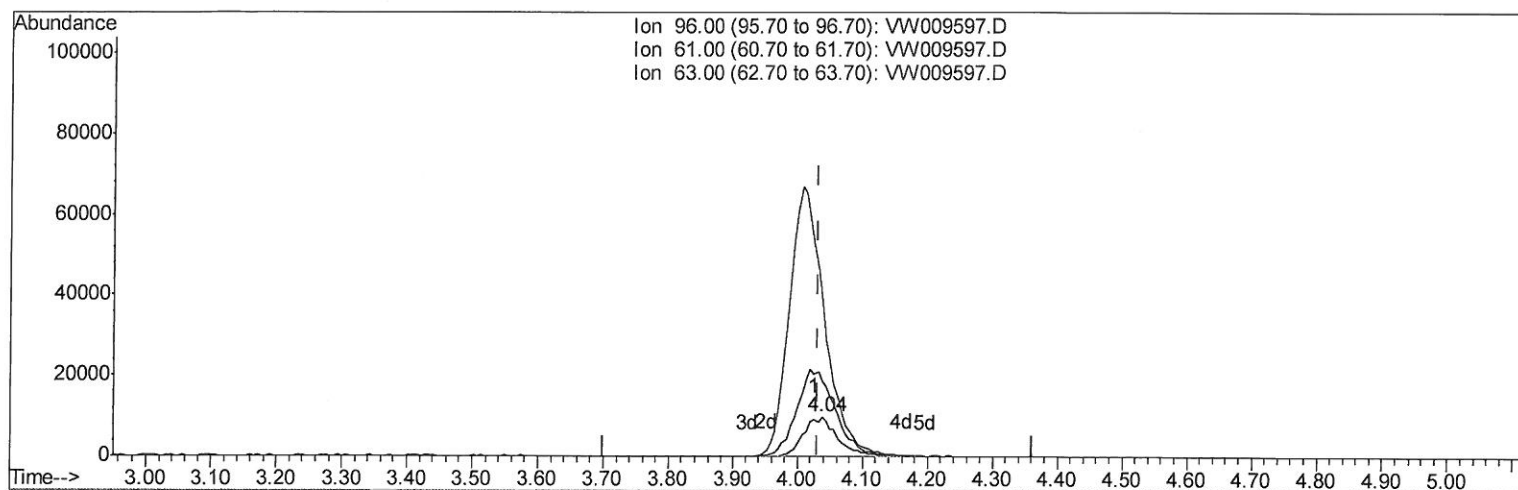
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Manual Integrations
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TIC: VW009597.D

(12) 1,1-Dichloroethene (T)

4.038min (+0.006) 6.63ug/L m

response 35936

Ion Exp% Act%

96.00 100 100

61.00 184.80 187.63

63.00 166.90 390.43#

0.00 0.00 0.00

Quantitation Report (Qedit)

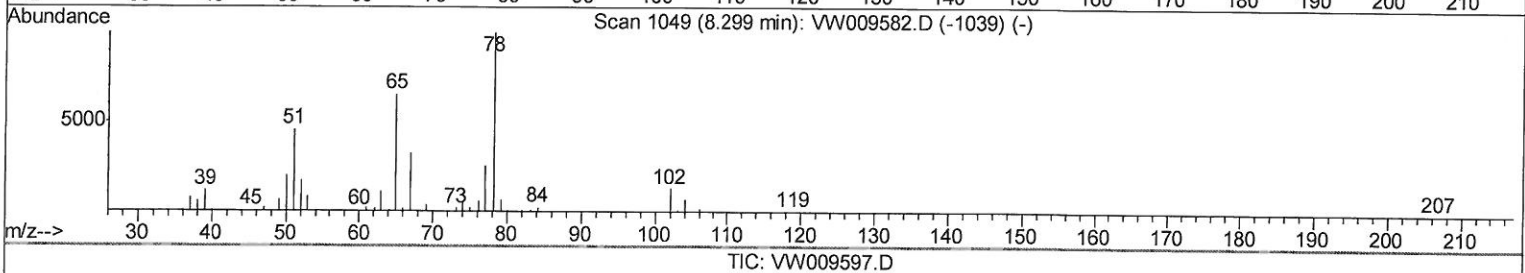
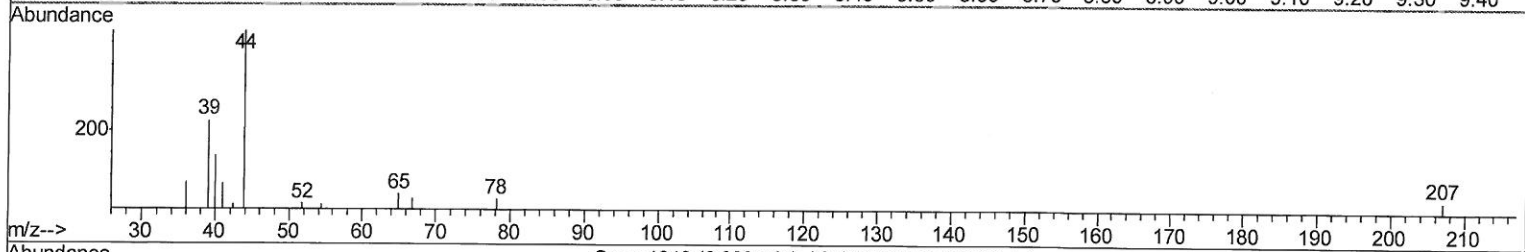
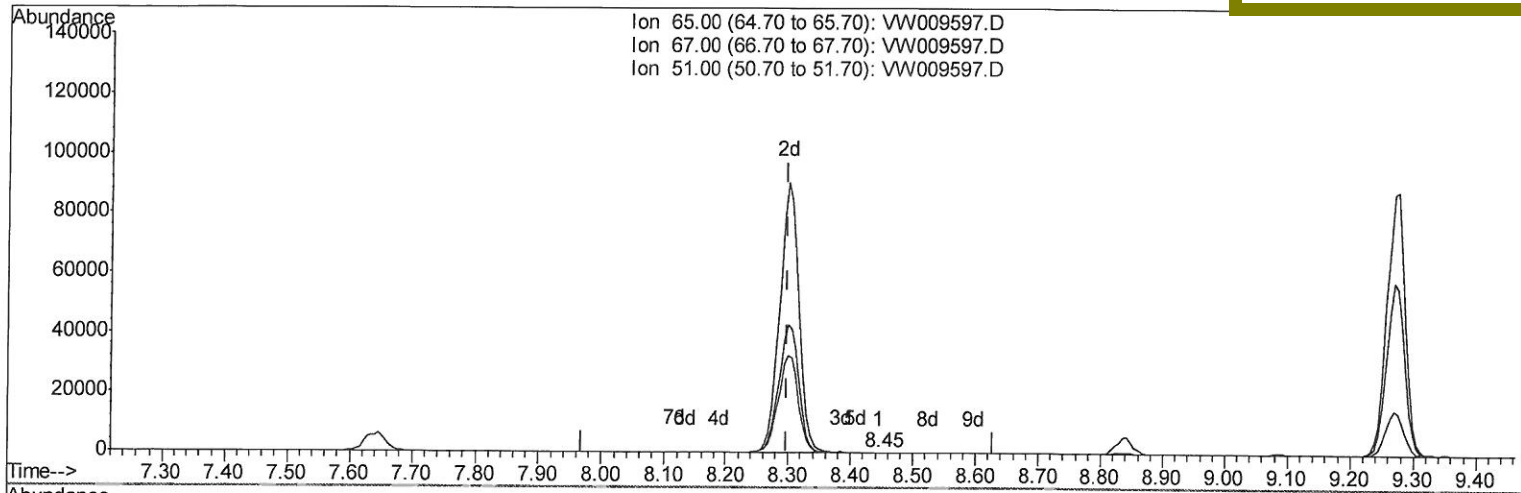
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(26) 1,2-Dichloroethane-d4 (S)

8.445min (+0.146) 0.01ug/L

response 95

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	57.89
51.00	97.70	97.89
0.00	0.00	0.00

Quantitation Report (Qedit)

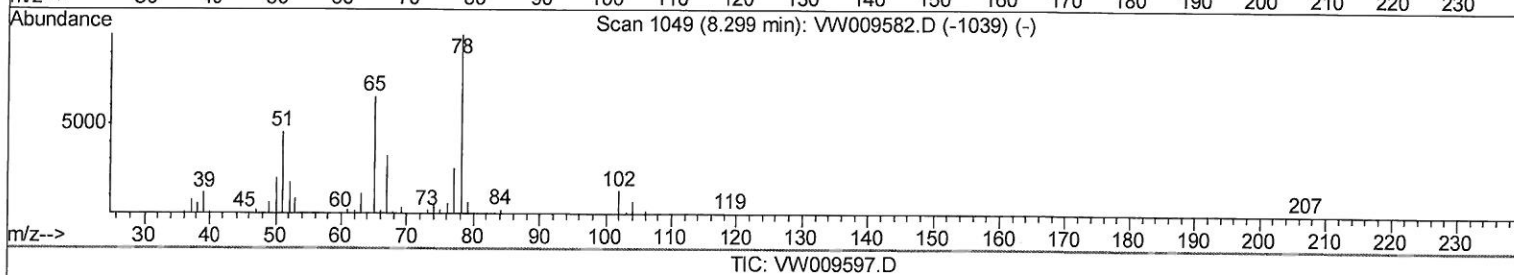
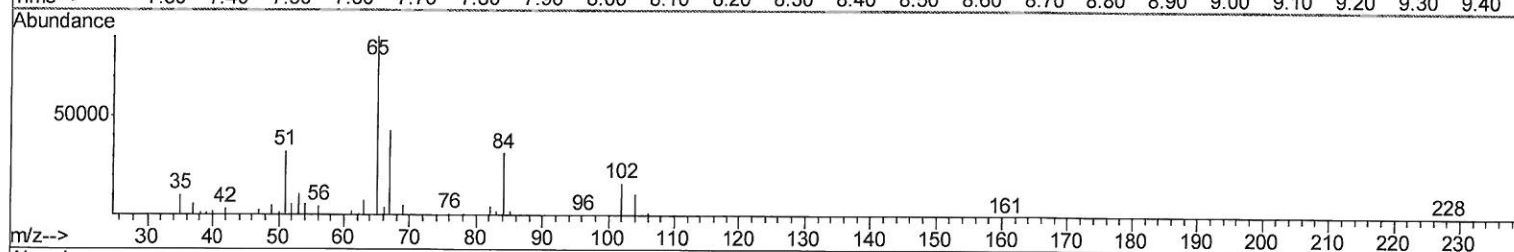
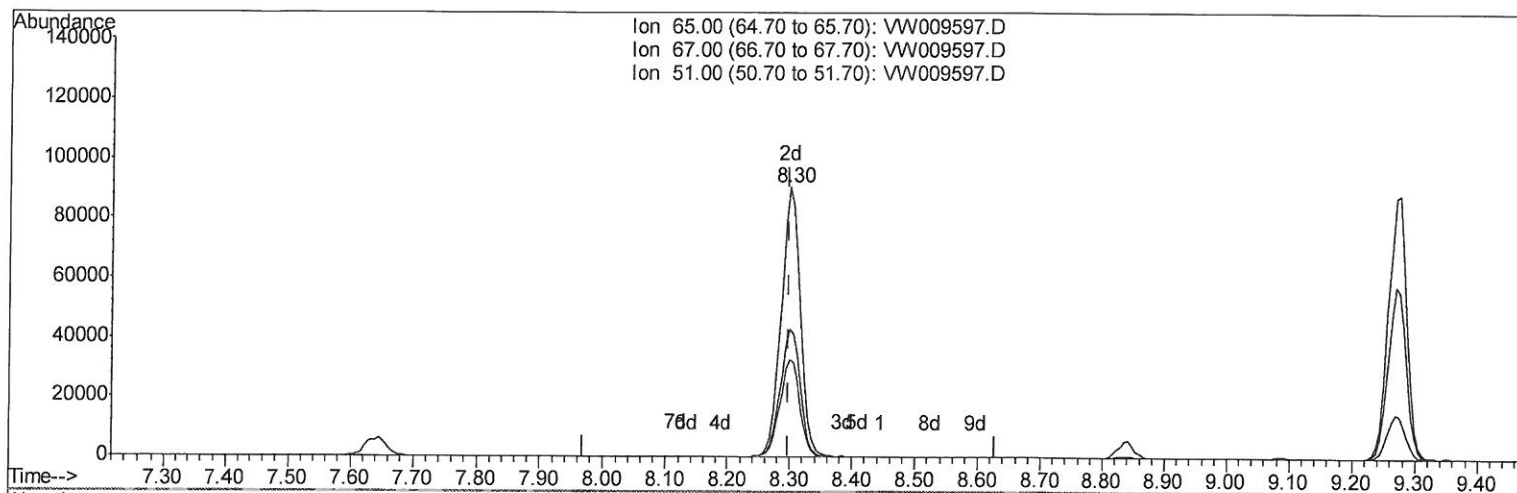
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Instrument :
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Manual Integrations
 APPROVED

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(26) 1,2-Dichloroethane-d4 (S)

8.299min (+0.000) 26.66ug/L m

response 192821

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.03#
51.00	97.70	0.05#
0.00	0.00	0.00

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 4/1/19

Quantitation Report (QT Reviewed)

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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	439957	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	156786	29.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.28%
7) Chloroethane-d5	2.89	69	146642	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.36%
10) 1,1-Dichloroethene-d2	4.01	63	251876	22.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.68%
20) 2-Butanone-d5	7.07	46	96323	44.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.60%
24) Chloroform-d	7.64	84	309741	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.30	65	192821m	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.27	84	584318	25.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.04%
33) 1,2-Dichloropropane-d6	9.27	67	176470	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.32	98	524317	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.08%
38) trans-1,3-Dichloropropene-	10.58	79	76600	21.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.96%
39) 2-Hexanone-d5	10.92	63	75793	44.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158262	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	179990	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	35936m	6.633	ug/L	83
13) Acetone	4.12	43	6431	3.607	ug/L	89
19) 1,1-Dichloroethane	6.20	63	13341	1.285	ug/L	96
22) cis-1,2-Dichloroethene	7.16	96	28765	4.662	ug/L	97
35) Trichloroethene	9.09	95	33645	5.446	ug/L	98
47) Tetrachloroethene	10.86	164	1441822	276.202	ug/L	

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(#) = qualifier out of range (m) = manual integration (+) = signals summed